

CIVIL ENGINEER

The City of Long Beach seeks qualified and motivated individuals to apply for Civil Engineer. This employment opportunity offers a wide variety of exciting positions ranging from **Airport, Harbor (Port of Long Beach), Developmental Services, Public Works and Water**. Below are descriptions.

Harbor Department – Port of Long Beach

Program Manager (Program Management Division): Under general supervision of a Senior Program Manager or Senior Civil Engineer, plans and manages complex civil engineering designs and calculations for port/maritime and transportation projects; develops and manages project budgets, schedules and work orders; develops project management plans; supervises the production and review of engineering plans, specifications and cost estimates; procures, selects and manages professional engineering services contracts; manages the bidding process; manages design services during construction; coordinates and interacts with port tenants and customers; manages project close out.

Construction Manager (Construction Management Division): Responsible for the construction management of construction contracts including: reviewing project schedules; processing Requests for Information and Submittals; conducting progress meeting and preparing meeting minutes; reviewing and evaluating merit of contractor claims; preparing independent cost estimates and reviewing contractor estimates for additional work; negotiating change orders; coordinating with other Port construction projects, tenants, and other stakeholders; assisting with procuring, selecting, negotiating, and managing professional CM service contracts; and perform other related duties as required.

Engineer – Scheduling and/or Cost Estimating (Project Controls Division): Civil Engineers will perform scheduling and/or cost estimating at all stages of the project delivery lifecycle from program/project planning through construction closeout for all types of engineering projects including: preparing, reviewing and analyzing program, project and construction schedules or cost estimates; performing cost and resource loading; generating cash flow forecasts and other specialized reporting as needed; tracking baseline schedules; performing Time Impact Analyses (TIA's) to support change order negotiations; maintaining a database of historical pricing from estimates received, contracts awarded and actual costs; performing independent change order cost estimates to support change order negotiations; performing analysis to assist resolution of cost differences; coordinating with other programs, projects and Divisions; procuring, selecting, negotiating, and managing professional Project Control services contracts; and performing other related duties as required.

Design Engineer (Engineering Design Division): Under general supervision of a Senior Civil Engineer, performs and oversees complex civil engineering designs and calculations for port/maritime, public works, utility, and transportation projects; develops and manages project design budgets and schedules; develops preliminary and final design reports; prepares and executes design scope of work; prepares engineering plans, specifications and cost estimates, and performs quality reviews; procures, selects, negotiates, and manages professional engineering services contracts; prepares bid documents for construction; provides engineering design support during construction phase; coordinates and interacts with port divisions, tenant representatives, and customers.

Airport

Engineering staff at the Long Beach Airport is responsible for management and administration of the Airport Capital Improvement Program (ACIP). This involves preliminary planning, financing, funding applications, preparation of design plans, specifications, cost estimates, construction management, and project closeout. Projects within the ACIP fall into 4 primary categories: 1) Airfield, 2) Terminal, 3) Landside, and 4) Security & Special Systems. Within each category, Airport Engineering Staff manages multiple, concurrent capital improvements as well as major and minor maintenance projects. Airport Engineering staff is also responsible for conceptual review of Airport tenant leasehold development and off-Airport planning and airspace reviews coordinates with the City's Department of Development Services.

Development Services – Building and Safety Bureau

Responsible for performing professional engineering work in reviewing and approving the design of buildings and structures; examining the architectural and structural construction documents, plans, and specifications for compliance with applicable laws and ordinances; consulting with or advising design professionals (i.e., engineers and architects), property and business owners, and builders regarding their building construction projects and related construction codes or regulations; assisting the supervisor and other department personnel regarding the construction codes or regulations (i.e., structural, fire-life safety and/or accessibility); communicating findings and recommendations both verbally and in writing to both professional and lay persons navigating the City's development process; assisting to resolve issues that may arise.

Public Works Department

Engineering Bureau/Design Division: Under the general supervision of a Senior Civil Engineer, plans and manages complex civil engineering designs and calculations for Capital Improvement Program (CIP) projects which include but are not limited to: street rehabilitation, buildings and facilities, storm drains, transportation enhancements, and other various projects. Develops and manages project budgets and schedules; oversees staff and consultants; ensures the timely and comprehensive review of engineering plans, specifications and cost estimates; procures necessary permits and technical reports; facilitates the bidding and award of CIP projects; drafts council letters and memorandum; attends community meetings and performs public outreach; provides engineering support to Construction Management Division staff during construction; and performs various other duties necessary for successful delivery of the City's CIP.